

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/KR2004/002638

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement

## 1. Statement

Novelty (N)	Claims	1-10	YES
	Claims		NO
Inventive step (IS)	Claims	1-10	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-10	YES
	Claims		NO

## 2. Citations and explanations :

1. Reference is made to the following documents:

D1: WO 01/46006 A2

D2: JP 61-106678 A

2. The present invention claimed in claims 1-10 relates to a method for coating a ship-bottom paint comprising the steps of: coating a coating composition comprising a liquid type room temperature curable organic resin and glass powder on the bottom of a ship; and spraying glass beads on the top of the resin coating layer before the resin of the coating composition is cured, followed by curing.

3. D1 discloses a method for protecting an underwater surface against pollution due to fouling, in particular a metal surface, upon which a coating has been applied, wherein the coating provided with glass flakes is brushed or polished smooth before or after fouling, in the presence of water, with at least one brush having bristles of synthetic material in which a grinding agent is embedded.

D2 discloses a ship bottom paint. An air cell is included in a ship bottom paint by mixing the paint for coating a ship bottom for the purpose of stainproofness, rustproofness, etc. with a hollow glass bead or synthetic resin cell of a particle size of about 100µm. It is possible to suppress a phenomenon of the ship bottom hull receiving a vibrational force from propeller, etc. through water and vibrating, by applying the obtained paint to the ship bottom hull.

## 4. Novelty (N)

Documents D1-D2 do not disclose the method for coating a ship-bottom paint according to the present invention claimed in claims 1-10. They are thus not considered to be particularly relevant in respect of the present invention. So the subject-matter of claims 1-10 is considered to be novel.(Article 33(2))

(Continued on Supplemental Box.)

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Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of:

Box No. V

5. Inventive Step (IS):

None of all the documents teach or fairly suggest the method for coating a ship-bottom paint according to the present invention. Accordingly, it is not considered to be obvious to a person skilled in the art to apply the knowledge of these documents, taken individually or in combination, for creating the method for coating a ship-bottom paint according to the present invention. Therefore, the invention claimed in claims 1-10 is considered to involve an inventive step.(Article 33(3))

6. Industrial Applicability (IA):

The invention is considered to be industrially applicable.(Article 33(4))

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